



Canyon Fuel  
Company, LLC.  
Skyline Mine

A Subsidiary of Arch Western Bituminous Group, LLC.

C/007/005 Incoming

#3727 &

Gregg Galecki, Environ. Engineer  
HCR 35, Box 380  
Helper, UT 84526  
(435) 448-2636 - Office  
(435) 448-2632 - Fax

January 3, 2011

Mr. Daron R. Haddock  
Division of Oil, Gas, and Mining  
1594 West North Temple  
Salt Lake City, Utah 84114-5801

File in: C/007/0005 Incoming  
Date: 01/11/2011 Refer to:  
☐ Confidential  
☒ Shelf  
☐ Expandable  
For additional information

RE: Re-submittal of North of Graben Incidental Boundary Change, Canyon Fuel Company, LLC, Skyline Mine, C/007/005, Task #3615

Dear Daron:

Attached to this letter is the re-submittal of pertinent information requesting an Incidental Boundary Change (IBC) to the Skyline Mine permit. The IBC adds approximately 320 acres to the area approved for underground mining activities located north of the Winter Quarter Canyon graben. The modification is necessary to maximize coal recovery by rotating the proposed longwall panels from a north-south to east-west orientation.

With this re-submittal, the following is the only information that has been modified from the September 16, 2010 submittal:

- Chapter 1, page 1-30 has been updated to include the Private Lease Right-of-Entry Information
- Chapter 1, Appendix 118 – a copy of the signed lease
- Chapter 2, Section 2.5 (PHC), page 2-51d specifically addresses the minimal impacts anticipated with mining.
- Chapter 2, Section 2.8 Aquatic Wildlife Resources, pages 2-67, 2-17a, and Table 2.8-1a outlining the Fish information in Woods Canyon
- Appendix A-3, Volume 2, 2010 Estimates of the Fall, 2010, Cutthroat Trout Population Densities in Winter Quarters Canyon Creek and Woods Canyon Creek, - Mt. Nebo Scientific

Other information from the September submittal includes modifications to the following monitoring programs: groundwater, surface water, aquatic wildlife, vegetation, and subsidence. No surface disturbance is associated with this modification.

Attached to this cover letter are completed C1 and C2 forms, a guidance document provided for the technical reviewer to locate the relevant modifications, three (3) redline-strikeout and eight (8) clean copies of M&RP text modifications, numerous plates, an Earthfax Engineering report extending the 2004 GPS survey in Woods Canyon, and an Agapito Associates engineering report providing a numerical modeling report evaluating subsidence in Woods Canyon. Plates needing certification have been certified for final approval.

If you have any questions regarding this information, please give me a call at (435) 448-2636.

Sincerely:

Gregg A. Galecki  
Canyon Fuel Company, LLC.  
Environmental Engineer – Skyline Mines

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# APPLICATION FOR COAL PERMIT PROCESSING

Permit Change ☒ New Permit ☐ Renewal ☐ Exploration ☐ Bond Release ☐ Transfer ☐

**Permittee:** Canyon Fuel Company, LLC

**Mine:** Skyline Mine

**Permit Number:** C/007/005

**Title:** Winter Quarters Access Road

**Description,** Include reason for application and timing required to implement:

Three (3) review and eight (8) clean copies of North of Graben - Incidental Boundary Change #3615

**Instructions:** If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- ☐ Yes ☒ No 1. Change in the size of the Permit Area? Acres: \_\_\_\_\_ Disturbed Area: \_\_\_\_\_ ☐ increase ☐ decrease.
- ☐ Yes ☒ No 2. Is the application submitted as a result of a Division Order? DO# \_\_\_\_\_
- ☐ Yes ☒ No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- ☐ Yes ☒ No 4. Does the application include operations in hydrologic basins other than as currently approved?
- ☐ Yes ☒ No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- ☐ Yes ☒ No 6. Does the application require or include public notice publication?
- ☒ Yes ☐ No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- ☐ Yes ☒ No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- ☐ Yes ☒ No 9. Is the application submitted as a result of a Violation? NOV # \_\_\_\_\_
- ☐ Yes ☒ No 10. Is the application submitted as a result of other laws or regulations or policies?  
*Explain:* \_\_\_\_\_
- ☐ Yes ☒ No 11. Does the application affect the surface landowner or change the post mining land use?
- ☒ Yes ☐ No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- ☒ Yes ☐ No 13. Does the application require or include collection and reporting of any baseline information?
- ☐ Yes ☒ No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- ☐ Yes ☒ No 15. Does the application require or include soil removal, storage or placement?
- ☒ Yes ☐ No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- ☐ Yes ☒ No 17. Does the application require or include construction, modification, or removal of surface facilities?
- ☒ Yes ☐ No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- ☒ Yes ☐ No 19. Does the application require or include certified designs, maps or calculation?
- ☒ Yes ☐ No 20. Does the application require or include subsidence control or monitoring?
- ☐ Yes ☒ No 21. Have reclamation costs for bonding been provided?
- ☒ Yes ☐ No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- ☐ Yes ☒ No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

**Please attach eight (8) copies of the application.** (This number includes a copy for the Price Field Office.)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Wesley K Sorensen  
Print Name

Wesley K Sorensen  
Sign Name, Position, Date

Subscribed and sworn to before me this 3<sup>rd</sup> day of JAN, 2011

Kathleen Atwood  
Notary Public

My commission Expires: 11-12, 2011  
Attest: State of Utah } ss:  
County of CARBON



**For Office Use Only:**

**Assigned Tracking  
Number:**

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# APPLICATION FOR COAL PERMIT PROCESSING

## Detailed Schedule Of Changes to the Mining And Reclamation Plan

**Permittee:** Canyon Fuel Company, LLC

**Mine:** Skyline Mine

**Permit Number:** C/007/005

**Title:** North of Graben - Incidental Boundary Change (IBC), Response to #3615

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

### DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED

<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Section 1: pages 1-30, 1-32, 1-38, 1-39, 1-39a
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Section 2.3: pages 2-35c, 2-36, 2-36a, 2-36b, 2-38, Figure 2.3.7-1 (page 2-38a)
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Section 2.4: pages 2-2-44a, 2-44b,
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Section 2.5: pages 2-51d, 2-51g
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Section 2.2: pages 2-61c, 2-61d
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Section 2.8 pages 2-67, 2-71a, Table 2.8-1a
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Section 4.17 pages 4-92, 4-93, 4-94, 4-95a, 4-95c
<input type="checkbox"/> Add	<input type="checkbox"/> Replace	<input checked="" type="checkbox"/> Remove	Section 4.17: REMOVE plate 4.17.1-1 from text
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Plates 1.6-1, 1.6-3, 2.2.1-1, 2.2.7-7, 2.3.4-2, 2.3.6-1, 2.3.6-2, 2.8.1-1, 3.1.8-2, 3.3-2, 4.17.1-1, 4.17.3-1A,
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Appendix Volume A-1, Volume 2; Addition to 2004 Woods Canyon GPS survey, Earthfax Engineering, Inc. 2010 (ADD TEXT TO 2004 REPORT)
<input type="checkbox"/> Add	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> Remove	Appendix Volume A-1, Volume 2: 2004 Woods Canyon GPS survey, Earthfax Engineering June 29, 2004, REPLACE Plates 1 and 2
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Appendix Volume A-1, Volume 2; Woods Canyon Subsidence Study, Skyline Mine; Agapito Associates, Inc. June 2010
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Appendix Volume A-3, Volume 2; Estimates of Fall 2010 Cutthroat Trout Population Densities in Winter Quarters Canyon Creek and Woods Canyon Creek, Tributaries to Scofield Reservoir
<input checked="" type="checkbox"/> Add	<input type="checkbox"/> Replace	<input type="checkbox"/> Remove	Chapter 1, Appendix 118-A; Special Warranty Deed between Peabody Natural Resources Company and Ark Land Company
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**Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.**

Three (3) redline and eight (8) clean copies to the Salt Lake Office.

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